

FIBER COUPLER AND COMPENSATION SYSTEM

ABSTRACT OF THE DISCLOSURE

A coupler which couples a light signal from an input port to two more output ports. The coupler includes a multifaceted prism which separates an incoming light signal into selective portions and deflects these portions in different directions to the respective output ports. A lens is positioned between the output ports and the prism to focus the light signal from the prism to the output ports.

Diffusion printed paper
multifaceted prism
lens
output ports
deflects
selective portions
different directions
output ports
focusing
lens
between
output ports
coupler